Indexes to Publications of The American Ceramic Society

JOURNAL OF THE AMERICAN CERAMIC SOCIETY 1918–1955

THE AMERICAN CERAMIC SOCIETY BULLETIN 1922–1955

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THE AMERICAN CERAMIC SOCIETY

COLUMBUS, OHIO

January 1, 1957

Mr. Karl Schwartzwalder, President
The American Ceramic Society
Columbus 14, Ohio

Dear Mr. Schwartzwalder:

Here is a volume that will add new usefulness to the wealth of knowledge stored in The Journal and The Bulletin of The American Ceramic Society. Through these pages carefully garnered works of ceramic science will be made more accessible.

The volume before you, and the Collective Index of Transactions, provide a complete indexing of all the technical literature published by The Society over the years of its existence. Ceramic Abstracts are not included in this Index because their scope extends far beyond the publications of The Society.

The Collective Index of the Transactions of The American Ceramic Society was printed in 1920 and covered the papers which were published from 1899 through 1917. The annual Transactions were superseded by The Journal in 1918. This was the first monthly publication of The Society and was supplemented by another publication, The Bulletin, which was established in 1922. Much of the technical literature of ceramics has come to the field through the pages of these two publications.

During the thirty-eight years covered by these indexes great advances have been made in ceramic science. Much that was empirical practice has given up its secrets in the laboratory, opening the way to new achievements. It has been one of the major functions of The Society to publish the knowledge thus gained, building it into a library of invaluable information for the ceramist.

The circulation of these publications to the many countries of the world gives further need for a catalogue of the contents so that needless duplication of research can be avoided in the regions where ceramic processes are being rapidly modernized.

The publications of The Society have been edited successively by Edward Orton, Jr., George H. Brown, Homer F. Staley, Edward W. Washburn, Ross C. Purdy, and C. S. Pearce. These men were guided and assisted by many members of The Society, and were directed in their work by Publication Committees composed of eminently successful ceramic scientists.

Especial thanks are extended to the Trustees of the Edward Orton Jr. Ceramic Foundation for making possible this Index by a generous contribution to the publishing fund. Thanks are expressed for the painstaking work of the three staff members noted on the title page, Mrs. Bigler, Mrs. Owen, and Mrs. Rohr.

It is with pride and satisfaction that we present to the membership of The American Ceramic Society this key to the rich scientific knowledge contained in our ceramic archives.

Yours sincerely,
C. S. PEARCE
General Secretary

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INTRODUCTION

These indexes have been compiled to extend and facilitate use of the store of ceramic literature to be found in the publications of The American Ceramic Society from 1918, the year when the *Journal* first appeared, through 1955.

In accord with the principles of indexing, subjects, not words, have been the chief consideration. Entire papers rather than merely titles have been indexed, and several references to each article will be found under various pertinent topics. In addition to text material, important diagrams and tables have also been indexed. Care has been taken, however, to avoid overindexing. For the most part, entries will lead to articles containing useful information on the subject.

Subjects have been indexed specifically, e.g., hydrochloric acid is indexed **Hydrochloric acid** instead of **Acids,** hydrochloric. Cross references of the "see also" type have been generously included to serve as bridges between specific categories and more general ones. It is hoped that with these cross references, no paper related to the subject under study will remain undiscovered by an index user.

In these indexes the dictionary style of alphabeting is employed. That part of the entry coming before the comma is listed letter by letter regardless of the division into words. For example, **Mineralogy, Minerals, Mineral wool** will be found in this order. In alphabeting subentries, prepositions are generally ignored.

Volume numbers appear in boldface preceded by either a **"J"** or a **"B"** referring to the *Journal* or *Bulletin*. As publication of the *Bulletin* started in 1922, the year in which volume 5 of the *Journal* was being printed, no chronological arrangement has been made of *Journal* and *Bulletin* references found together in the same subentry. *Bulletin* entries always follow *Journal* entries even though the former may have been published years before the latter, e.g., **J36:** 297; **B20:** 203. A table showing the relationship between *Journal* and *Bulletin* volume numbers and the year of publication will be found on the next page.

Listings in these Indexes are by volume number and page. The following table shows the relation of years to volume numbers of the two periodicals.

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The Journal of The American Ceramic Society is a periodical devoted to original fundamental research in the ceramic sciences. Editorial review committees, made up of members who are recognized authorities in their fields of specialization, pass judgment upon each paper submitted, to assure that only the most worthy achieve publication.

The American Ceramic Society Bulletin publishes papers on the application of research in the ceramic industries. It also includes news of the activities of The Society and of its members, advance notices of ceramic meetings and reports on them, articles on plant operation, and general information on the ceramic field.

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